

10/24/01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. IPS-001

First Inventor Heinz

Title System method for Ethernet optical area network

Express Mail Label No. EL1075735228 US

PTO  
15 U.S. PTO  
10/24/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 43]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: .....

Prior application information:

Examiner: .....

Group Art Unit: .....

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name Loudermilk + Associates

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Suite B

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Zip Code 95014

Country USA

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Name (Print/Type) Alan B. Loudermilk

Registration No. (Attorney/Agent) 32,788

Signature [Signature]

Date 10/24/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT**

(\$) 469.00

**Complete if Known**

Application Number	091
Filing Date	10/24/01
First Named Inventor	Heinz
Examiner Name	
Group Art Unit	
Attorney Docket No.	IFS-001

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-0251

Deposit  
Account  
Name

Loudermilk + Associates

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$)

101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee

Fee Paid

370.00

**SUBTOTAL (1)** (\$) 370.00**2. EXTRA CLAIM FEES**

Total Claims	31	-20** =	11	X	Fee from below	9	=	99.00
Independent Claims	2	-3** =	0	X	Fee from below	0	=	0
Multiple Dependent					Fee from below	9	=	99.00

Large Entity Small Entity

Fee Fee Fee Fee Fee Description  
Code (\$) Code (\$) Code (\$)

103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$) 99.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130 205 65	Surcharge - late filing fee or oath	
127	50 227 25	Surcharge - late provisional filing fee or cover sheet	
139	130 139 130	Non-English specification	
147	2,520 147 2,520	For filing a request for <i>ex parte</i> reexamination	
112	920* 112 920*	Requesting publication of SIR prior to Examiner action	
113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action	
115	110 215 55	Extension for reply within first month	
116	400 216 200	Extension for reply within second month	
117	920 217 460	Extension for reply within third month	
118	1,440 218 720	Extension for reply within fourth month	
128	1,960 228 980	Extension for reply within fifth month	
119	320 219 160	Notice of Appeal	
120	320 220 160	Filing a brief in support of an appeal	
121	280 221 140	Request for oral hearing	
138	1,510 138 1,510	Petition to institute a public use proceeding	
140	110 240 55	Petition to revive - unavoidable	
141	1,280 241 640	Petition to revive - unintentional	
142	1,280 242 640	Utility issue fee (or reissue)	
143	460 243 230	Design issue fee	
144	620 244 310	Plant issue fee	
122	130 122 130	Petitions to the Commissioner	
123	50 123 50	Processing fee under 37 CFR 1.17(q)	
126	180 126 180	Submission of Information Disclosure Stmt	
581	40 581 40	Recording each patent assignment per property (times number of properties)	
146	740 246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740 249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740 279 370	Request for Continued Examination (RCE)	
169	900 169 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

Name (Print/Type)

Alan R. Loudermilk

Registration No.  
(Attorney/Agent)

32,788

Complete (if applicable)

Telephone

(408) 342-1866

Signature

Date

10/24/01

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Heinz et al. )  
)  
Serial No.: )  
)  
Filed: October 24, 2001 ) Examiner:  
)  
For: System and Method for Ethernet ) Group Art Unit:  
Optical Area Network )

Box: Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL LETTER - NEW PATENT APPLICATION

Sir:

Enclosed herewith are the following:

1. Utility Transmittal for a New Patent Application;
2. Fee Transmittal (orig. + copy);
3. Patent specification (43 pages);
4. Informal Drawings (10 sheets);
5. Declaration and Power of Attorney (signed); and
6. Return postcard.

Please note that this application is a small entity.

Respectfully submitted,

*Alan R. Loudermilk/ae*

Alan R. Loudermilk  
Registration No. 32,788  
Attorney for Applicant(s)

Date: October 24, 2001  
10950 N. Blaney Avenue, Suite B  
Cupertino, CA 95014  
408-342-1866

CERTIFICATION UNDER 37 C.F.R. 1.10

I hereby certify that this Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date October 24, 2001, by Express Mail, Label No.: EL675735228US, addressed to: Box: Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

*Alex Long*  
By: Alex Long